

Converting Colors

XYZ(43.4184, 50.4438, 95.2554)

Have a look what the booklet for
XYZ(43.4184, 50.4438, 95.2554)
contains.

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Color

**XYZ(43.4130, 50.4186,
95.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC6F7
RGB	110, 198, 247
RGB Percent	43%, 78%, 97%
CMY	0.5686, 0.2235, 0.0314
CMYK	0.55, 0.20, 0.00, 0.03
HSL	201°, 90%, 70%
HSV	201°, 55%, 97%
XYZ	43.4130, 50.4186, 95.4393
YIQ	177.2740, -68.1770, -3.4170

Conversions

Conversions Part 2

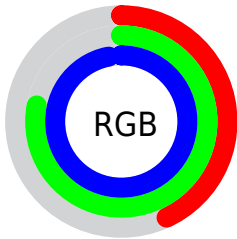
Format	Color
RYB	110, 164, 247
Decimal	7259895
CIELab	76.33, -12.89, -32.22
CIElCh	76, 34.706, 248.193
Yxy	50.4186, 0.2294, 0.2664
Android (android.graphics.Color)	4285449975 (0xFF6EC6F7)
YUV	177.2740, 34.3749, -58.9993
Hunter-Lab	71.0061, -15.1260, -29.9875

Details

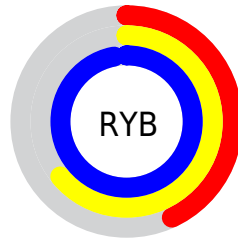
The XYZ color **43.4130, 50.4186, 95.4393** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **53.5720, 45.6982, 20.7508**, and the grayscale version is **41.7862, 43.9624, 47.8750**.

A 20% lighter version of the original color is **70.3876, 87.2860, 107.7458**, and **20.2224, 24.1565, 52.3120** is the 20% darker color. If you saturate the color by 10%, you get **38.7968, 45.1289, 94.6625**, and if you desaturate by 10%, it is **49.0067, 56.3890, 96.2978**.

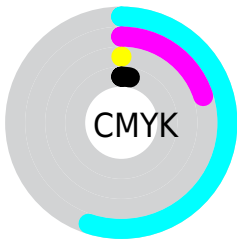
Distribution



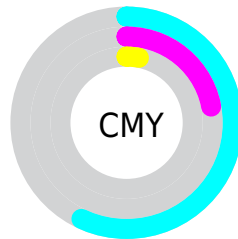
- Red (43%)
- Green (78%)
- Blue (97%)



- Red (43%)
- Yellow (64%)
- Blue (97%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (57%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4130, 50.4186, 95.4393 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.4130, 50.4186, 95.4393 by changing the saturation by 10% instead.

■ 43.4130, 50.4186,
95.4393

■ 43.4130, 50.4186,
95.4393

351.2003,
388.3007, 566.5906

■ 30.4052, 35.7461,
71.9018

■ 79.5856, 90.7948,
156.8722

■ 20.2960, 24.2382,
52.5921

■ 103.4810,
117.2673, 195.6046

■ 12.7199, 15.5104,
37.0917

■ 131.7365,
148.4419, 240.2390

■ 7.3116, 9.1784,
24.9822

164.7172,
184.7030, 291.1940

■ 3.7058, 4.8577,
15.8449

202.7886,
226.4351, 348.8882

■ 1.5371, 2.1640,
9.2613

246.3160,

■ 0.3508, 0.7003,

274.0224, 413.7399

4.8129

295.6648,
327.8495, 486.1679

■ 0.0000, 0.0000,
2.0811

■ 0.0000, 0.0000,
0.6045

■ 43.4130, 50.4186,
95.4393

■ 43.4130, 50.4186,
95.4393

■ 38.7968, 45.1289,
94.6625

■ 49.0067, 56.3890,
96.2978

■ 35.0778, 40.4728,
93.9598

■ 55.6394, 63.0718,
97.2382

■ 32.1705, 36.4039,
93.3277

■ 63.3734, 70.5028,
98.2649

■ 29.9673, 32.8638,
92.7605

■ 72.2640, 78.7135,
99.3811

■ 29.1280, 31.3941,
92.5211

■ 82.3630, 87.7330,
100.5898

■ 92.5287, 96.9756,
101.8380

■ 93.7887, 99.4955,
102.2580

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.7274, 50.4186, 80.2269



43.4130, 50.4186, 95.4393



49.7304, 50.4186, 98.6602

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.4130, 50.4186, 95.4393



61.4334, 50.4186, 49.9376



40.5796, 50.4186, 31.2359

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.4130, 50.4186, 95.4393



53.5720, 45.6982, 20.7508

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.1568, 50.4186, 26.4743



43.4130, 50.4186, 95.4393



58.4662, 50.4186, 35.5538

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.4130, 50.4186, 95.4393



60.5301, 50.4186, 69.3460



52.7315, 50.4186, 27.8524



37.1978, 50.4186, 42.6094

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.4130, 50.4186, 95.4393



54.0922, 50.4186, 93.0160



52.7315, 50.4186, 27.8524



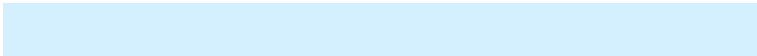
42.2386, 50.4186, 28.9416

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.4147, 50.4204, 95.4405



76.1123, 83.1885, 106.6532



45.8600, 72.3047, 43.8665



15.8662, 17.4166, 22.7755



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.4147, 50.4204, 95.4405



40.9876, 47.6477, 101.6444



31.2767, 26.1444, 91.3945



16.4691, 17.7024, 21.0915



15.5438, 16.8815, 48.9772



1.4631, 1.6776, 4.3369

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.1282, 35.0050, 57.3317



54.1476, 31.5142, 54.2049



68.4924, 75.5391, 25.7243



16.9473, 16.6618, 19.4693



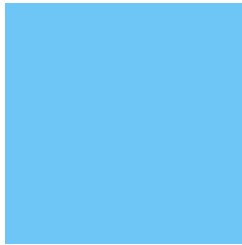
23.6503, 11.8036, 18.6648



2.1276, 1.0570, 1.8981

Previews

White Background



This preview shows how the XYZ color 43.4130, 50.4186, 95.4393 looks on a white background.

Color Contrast Check

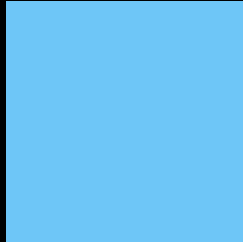
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.4130, 50.4186, 95.4393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

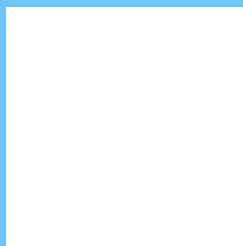
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4130, 50.4186, 95.4393

Background



This preview shows how black text looks on a background with the XYZ color 43.4130, 50.4186, 95.4393.



This preview shows how white text looks on a background with the XYZ color 43.4130, 50.4186,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.4130, 50.4186, 95.4393

Protanopia

50.2371, 49.8696, 87.8669

Deuteranopia

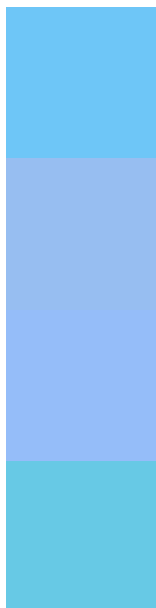
51.1904, 49.8410, 97.3647



Tritanopia

39.2877, 50.4790, 74.6906

Trichromacy



Original Color

43.4130, 50.4186, 95.4393

Protanomaly

47.0531, 49.7571, 90.3432

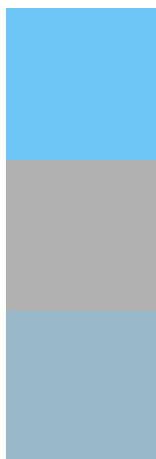
Deuteranomaly

47.6909, 49.6243, 96.6874

Tritanomaly

40.6230, 50.3140, 81.6993

Monochromacy



Original Color

43.4130, 50.4186, 95.4393

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.1465, 45.7345, 62.5361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4130, 50.4186, 95.4393 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(110, 198, 247)` looks like.

```
.text, #text, p{  
    color:rgb(110, 198, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(110, 198, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 198, 247) }
```

Border

The CSS property to change the border of an element to XYZ 43.4130, 50.4186, 95.4393 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 198, 247) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(110, 198, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(110, 198, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 198, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 198, 247);  
box-shadow:4px 4px 4px 4px rgb(110, 198,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4130, 50.4186, 95.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 198, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(110,  
198, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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